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[Conceptual modeling of an object-oriented \*\*scheduling\*\* architecture based on the shifting bottleneck ...](#)

P Brandimarte, M Rigodanza, L Roero - IIE Transactions, 2000 - Springer

... is OK, the predictive **scheduling task** is done. ... Nevertheless, the sequence **diagram** points out some basic ... The material coordinator **class** has three operations: ...

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[WESTT \(\*\*workload\*\*, error, situational awareness, time and teamwork\): an analytical prototyping system ... - \[brunel.ac.uk\]\(#\) \[PDF\]](#)

RJ Houghton, C Baber, M Cowton, GH Walker, NA ... - Cognition, Technology & Work - Springer

... Each **class** of metric provides a different per ... or will be doing (operation sequence **diagram**); what they ... behaviour, **workload** and performance in **task scheduling**. ...

[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

[Developing multi-agent systems with a FIPA-compliant agent framework](#)

F Bellifemine, A Poggi, G Rimassa - Software Practice and Experience, 2001 - doi.wiley.com

... window, using a notation similar to UML Sequence **Diagrams**. ... yields enhanced flexibility in **task scheduling** and execution ... A whole new **class** must be written and ...

[Cited by 301](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 7 versions](#)

[\[PS\] •Robust Partitioning Policies of Multiprocessor Systems](#)

E Rosti, E Smiri, LW Dowdy, G Serazzi, BM Carlson - Performance Evaluation, 1994 - cs.wm.edu

... Several authors address the **task scheduling** problem in ... the analysis to multi- **class** **workloads** and to ... of several of the proposed **scheduling** policies, analytic ...

[Cited by 60](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 5 versions](#)

[A Novel Architecture for Realizing Grid Workflow using Tuple Spaces - \[buyya.com\]\(#\) \[PDF\]](#)

J Yu, R Buyya - Proceedings of 5th IEEE/ACM International Workshop on Grid ..., 2004 - doi.ieeecomputersociety.org

... event from tuple spaces without modifying **scheduling** system ... multiple Grid middleware, we abstract **class** Resource and ... status" can receive all **task** status events ...

[Cited by 68](#) - [Related articles](#) - [Web Search](#) - [All 11 versions](#)

[PDF] • Real-Time Design Patterns

BP Douglass - 2003 - [uml.org.cn](#)

... features that can appear on a **class diagram**, such as ... Further if the system slips its **schedule**, there is ... symmetric multiprocessing system, when a **task** is spawned ...

[Cited by 54](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 15 versions](#)

[PDF] • An Architecture for Achieving Dynamic Change in Coordination Policies

P Bose, MG Matthews - W01: ISAW-4 - [cs.huji.ac.il](#)

... connections are modeled as stereotypes of the UML **class**. ... 4) A **task** execution agent (TEA) that executes a ... input buffer until the active **scheduling** component is ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 3 versions](#)

Analyzing the execution architecture of mobile phone software with colored Petri nets

J Xu, J Kuusela - International Journal on Software Tools for Technology ..., 1998 - Springer

... **Task Schedule** ... MsgQueue Task Message ... Each subpage corresponds to a certain **class** of actions (interactions between components) and a group of actors (components) ...

[Cited by 21](#) - [Related articles](#) - [Web Search](#)

... for the modeling and simulation of distributed resource management and **scheduling** for Grid computing - • [arxiv.org](#) [PDF]

R Buyya, M Murshed - Concurrency and Computation: Practice and Experience, 2002 - [doi.wiley.com](#)

... performs **scheduling** of parameter sweep, **task-farming** applications ... Figure 3. A flow **diagram** in GridSim ... of processing; • internal process **scheduling** policy, eg ...

[Cited by 383](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 15 versions](#)

Modelling, simulation and **scheduling** of flexible assembly systems with coloured Petri nets

OV Krishniah Chetty, OC Gnanasekaran - The International Journal of Advanced Manufacturing ..., 1996 - Springer

... They fall in the **class** of high-level Petri nets [26 ... net model of part type 7 with **task** assignment constraints. ... 6. **Scheduling** FAS with Transportation Activity ...

[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 3 versions](#)

Key authors: [R Buyya](#) - [F Bellifemine](#) - [H Van Brussel](#) - [A Poggi](#) - [G Rimassa](#)

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[Hierarchical scheduling algorithms for near-line tape libraries](#) - [\\*ic.ac.uk](#) (PDF)

P Triantafyllou, I Georgiadis - Database and Expert Systems Applications, 1999. Proceedings. .... 1999 - [ieeexplore.ieee.org](#)

... so the first request from queues 1 and 3 are **extracted** and sent ... Three distinct **workloads**

will be employed in an effort to ... Random images **workload**: The objects ...

[Cited by 13](#) - [Related articles](#) - [Web Search](#) - [All 11 versions](#)

[Quantitative Measurement of Observed Workload in the Analysis of Aircrew Performance](#)

IV Laudeman, EA Palmer - The International Journal of Aviation Psychology, 1995 - Lawrence Earlebaum

... strategy that results in higher overall **workloads** as predicted ... method for the measurement of **work-load**, which used a model of observed **workload** based on ...

[Cited by 14](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

[\[HTML\] •Using Maggie for request extraction and workload modelling](#)

P Barham, A Donnelly, R Isaacs, R Mortier - Symposium on Operating Systems Design and Implementation, 2004 - [usenix.org](#)

... components, correlates related events to **extract** individual requests ... clusters them

to produce a **workload** model ... against traces of synthetic **workloads**, and showed ...

[Cited by 135](#) - [Related articles](#) - [Cached](#) - [Web Search](#) - [All 11 versions](#)

[Modeling of Workload in MPPs](#)

J Jann, P Pattnaik, H Franke, F Wang, J Skovira, J ... - LECTURE NOTES IN COMPUTER SCIENCE, 1997 - Springer

... figure shows one of the **workloads** with high ... to be included in the synthetic **work-**

**load**, one generates ... inter-arrival time distribution in the observed **workload**. ...

[Cited by 91](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [BI Direct](#) - [All 7 versions](#)

[Extending lifetime of portable systems by battery scheduling](#) - [\\*acm.org](#) (PDF)

L Berini, G Castelli, A Macii, E Macii, M Poncino, ... - Proceedings of the conference on Design, automation and test ..., 2001 - [doi.ieeecomputersociety.org](#)

... that maximizes the total lifetime for the given **workload**. ... and proles have been used

as system **workloads**. ... we pro- pose to optimize charge **extraction** from the ...

[Cited by 33](#) - [Related articles](#) - [Web Search](#) - [All 15 versions](#)

## Workload manager for achieving transaction **class** response time goals in a multiprocessing system

DF Ferguson, L Georgiadis, CN Nikolaou - US Patent 5,504,894, 1996 - freepatentsonline.com

... of the invention, two types of **workload** management techniques ... to the routed transaction and is **extracted** by the ... BEP B 3 and to change the priority of **class** C 1 ...

[Cited by 41](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

## Multiple-queue backfilling **scheduling** with priorities and reservations for parallel systems - •kyushu-u.ac.jp (PDF)

BG Lawson, E Smiri - ACM SIGMETRICS Performance Evaluation Review, 2002 - Springer

... initial partition boundaries adapt as **work- load** conditions change ... in the two SDSC **workloads** (Figure 3 ... can experience significant changes in **workload** across time ...

[Cited by 51](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 12 versions](#)

## **Scheduling** method, program product for use in such method, and task **scheduling** apparatus

T Takemura - US Patent App. 10/691,006, 2003 - Google Patents

... tasks corresponding to the **extracted classes**; a dependency ... unit for extracting dependency of the **classes** from the ... of the dependency; a **workload** estimation unit ...

[Web Search](#)

## ... fuzzy-neural network model for non-linear prediction of 3-D rendering **workload** in Grid computing - •unifrma.it (PDF)

ND Doulami, AD Doulami, A Panagakis, K Dolkas, ... - Systems, Man and Cybernetics, Part B, IEEE Transactions on, 2004 - ieeeexplore.ieee.org

... scene complexity with the **work- load** characteristics ... extracting descriptors to rendering **workload** since it ... Usually, the **extracted** descriptors are organized into ...

[Cited by 16](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 7 versions](#)

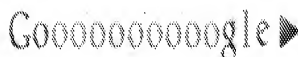
## History-aware Self-Scheduling

A Kejariwal, A Nicolau, CD Polychronopoulos - Proceedings of the 2006 International Conference on Parallel ..., 2006 - doi.ieeecomputersociety.org

... based on the deviation of the **work- load** estimates of the previously executed iterations from their actual **workloads**. ... p i. It then updates the **workload** of the ...

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Key authors: [H Franke](#) - [C Ernemann](#) - [J Jann](#) - [P Barham](#) - [U Lublin](#)



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workload with extracted class <near>

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[PS] •Irregular Coarse-Grain Data Parallelism under LPARX

SR Kohn, SB Baden, San Diego University of ... - Scientific Programming, 1996 - cs.ucsd.edu

... 7]to balance non-uniform **workloads** across parallel ... note that although the LPARX **implementation** is currently ... general and extends to other **classes** of applications ...

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[A fast parallel SAT-solver—efficient \*\*workload\*\* balancing](#) - [uni-koeln.de](#) [PS]

M Böhm, E Speckenmeyer - Annals of Mathematics and Artificial Intelligence, 1996 - Springer

... were presented on the recent DIMACS **implementation** challenge on ... We have used as **workload estimation** the function  $c \dots$  on the parameters of the **class** of formulas ...

[Cited by 64](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 9 versions](#)

[Effective bandwidths at multi-class queues](#) - [cam.ac.uk](#) [PDF]

FP Kelly - Queueing Systems, 1991 - Springer

... a source of **class**  $j$ . This (**near** trivial) result ... appropriate than constraints on utilization or mean **workload**. Cramér's **estimate** [5], originally derived for a ...

[Cited by 360](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

[Reducing drivers' mental \*\*workload\*\* by means of an adaptive man-machine interface](#)

W Piechulla, C Maysor, H Gehrke, W König - Transportation Research Part F: Psychology and Behaviour, 2003 - Elsevier

... about the **workload** in the **near** future ... that are not directly applicable in real-time **workload estimation**. ... the indirect method of detecting **classes** of situations ...

[Cited by 31](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [All 2 versions](#)

[Workload manager for achieving transaction class response time goals in a multiprocessing system](#)

DF Ferguson, L Georgiadis, CN Nikolaou - US Patent 5,504,894, 1996 - freepatentsonline.com

... In this embodiment of the invention, two types of **workload** management techniques are used. ... 1) FOR  $k=1$  TO  $N$  DO, {**estimate** the work on  $B_k$  due to **class**  $C_j$  ...

[Cited by 41](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

[PDF] •Adaptation-algorithms to adaptive fault monitoring and their **implementation** on CORBA

I Sotomai, ERM Madeira - Proc. of the Third Int'l Symp. on Distributed-Objects and ... - cs.mil.edu.au

... made to observe their behavior on changing network **workloads**. ... Is, as better would be the algorithm **estimate**. ... an increase on the system **workload**, the ADAPTATION ...

[Cited by 40](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 4 versions](#)

A communication **workload estimation** model based on relationships among shared works for software ... - [\\*nist-nara.ac.jp](#) [PDF]

N Hanakawa, K Matsumoto, K Torii - Proceedings: APSEC, 9th Asia Pacific Software Engineering ..., 2002 - doi.ieeecomputersociety.org

... are bases of calculation of the communication **workloads** that are ... Case2 shows **workload estimation** in a case that new ... works (work sharing in COM2) **near** the close ...

[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

## Comparing Classifiers for Real Time **Estimation** of Cognitive **Workload**

CA Russell, GF Wilson, MM Rizki, TS Webb, SC ... - Foundations of Augmented Cognition, 2005 - books.google.com

... Introduction Classification or **estimation** of operator functional ... human factors engineering, training and test ... understanding of operator **workload** could support ...

[Cited by 3](#) - [Related articles](#) - [Web Search](#)

## [PDF] \*Towards Self-Tuning Memory Management for Data Servers

G Weikum, AC Konig, A Kraiss, M Sinnwell - Bulletin of the Technical Committee on - sites.computer.org

... formulas, as well as lazy **estimation** of load ... property holds even for evolving **workloads** and time ... is even possible to accomodate **workload-class**-specific response ...

[Cited by 53](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 15 versions](#)

## Mobile Agent Programming for Clusters with Parallel Skeletons

R Aversa, B Di Martino, N Mazzocca, S Venticinque - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer

... con- sidered skeletons, their **implementation** within the ... of the set of **classes** and methods ... or distributed mechanisms; - dynamic **workload estimation** for each ...

[Cited by 9](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 3 versions](#)

Key authors: [F Kelly](#) - [M Sullivan](#) - [D Wallach](#) - [M Higginbotham](#) - [F Cobb](#)

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workload estimation <near> classes

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